



IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant: Ramnarayan *et al.*

Serial No. 09/709,905

Filed: November 10, 2000

For: USE OF COMPUTATIONALLY
DERIVED PROTEIN STRUCTURES
OF GENETIC POLYMORPHISMS IN
PHARMACOGENOMICS FOR DRUG
DESIGN AND CLINICAL
APPLICATIONS

Art Unit: Unassigned

Examiner: Unassigned

I hereby certify that this paper and the attached
papers are being deposited with the United States
Postal Service as first class mail in an envelope
addressed to:

Commissioner for Patents
Washington, D.C. 20231, on this date.

04/13/01
Date

Stephanie Seidman

TRANSMITTAL LETTER

Commissioner for Patents
Washington, D.C. 20231

Sir:

Transmitted herewith is a Preliminary Amendment with a check \$806 for
filing in connection with the above-identified application.

- ☒ The Commissioner is hereby authorized to charge any fee, including any
submitted herewith if an attached check(s) is in the wrong amount or
otherwise improper or missing, that may be due in connection with this and
the attached papers, or with this application during its entire pendency to or
to credit any overpayment to Deposit Account No. 50-1213. A duplicate of
this sheet is enclosed.

Respectfully submitted
HELLER, EHRMAN, WHITE & McAULIFFE LLP

By:

Stephanie L. Seidman
Registration No. 33,779

Attorney Docket No.: 24737-1906C
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#10/c
Plunkett
4/27/02

PRELIMINARY AMENDMENT

Commissioner for Patents
Washington, D.C. 20231

Dear Sir:

Preliminary to the examination of the above-captioned application, please
amend the application as follows:

IN THE CLAIMS:

Please add claims 67-93 follows:

Rule 1.126 b9
C1

67. (New) A method for predicting clinical responses in subjects based
on a genetic polymorphism, comprising:

comparing a three-dimensional (3-D) model of a structure of a protein
from a biological sample from a subject to 3-D structures contained in a
database;

identifying a structure in the database that is similar to the model of a
protein from the subject; and

predicting a clinical outcome for the subject based on the clinical data
associated with the identified structures.

68. (New) The method of claim 67, wherein:

the clinical outcome is the efficacy of a treatment; and

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01 FC:102 320.00 OP
02 FC:103 486.00 OP